

## ABSTRACT OF THE DISCLOSURE

The invention relates to a control method for controlling the back pressure in an injection molding machine which includes a first motor that axially displaces a screw and a second motor that turns the screw, whereby both motors act upon a common shaft. In order to control the back pressure, a speed value for controlling the second motor is furnished as a rotational speed input value to a control circuit for controlling the speed or rotation speed of the first motor. The back pressure is thus controlled in dependence on a pressure differential via the difference in rotation speeds of both motors.